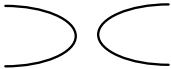

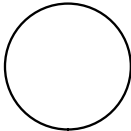
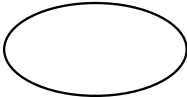
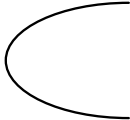
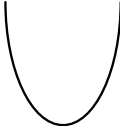


<b>Horizontal Hyperbola</b>		<b>Vertical Hyperbola</b>	
$\frac{(x-h)^2}{a^2} - \frac{(y-k)^2}{b^2} = 1$	Center: (h, k) Vertices: (h+a, k) (h - a, k) Foci: $a^2 + b^2 = c^2$	$\frac{(y-k)^2}{a^2} - \frac{(x-h)^2}{b^2} = 1$	Center: (h, k) Vertices: (h, k+a) (h, k - a) Foci: $a^2 + b^2 = c^2$
<b>Circle</b>		<b>Ellipse</b>	
$(x-h)^2 + (y-k)^2 = r^2$	Center: (h, k) Radius: r	$\frac{(x-h)^2}{a^2} + \frac{(y-k)^2}{b^2} = 1$	Center: (h, k) Vertices: (h + a, k) (h - a, k) (h, k + b) (h, k - b) Foci: $a^2 - b^2 = c^2$
<b>Horizontal Parabola</b>		<b>Vertical Parabola</b>	
$x-h = \frac{1}{4p}(y-k)^2$	Vertex: (h, k) Focus: move p to (h + p, k) Directrix: move -p to (h - p, k) x = h - p	$y-k = \frac{1}{4p}(x-h)^2$	Vertex: (h, k) Focus: move p to (h, k + p) Directrix: move -p to (h, k - p) y = k - p